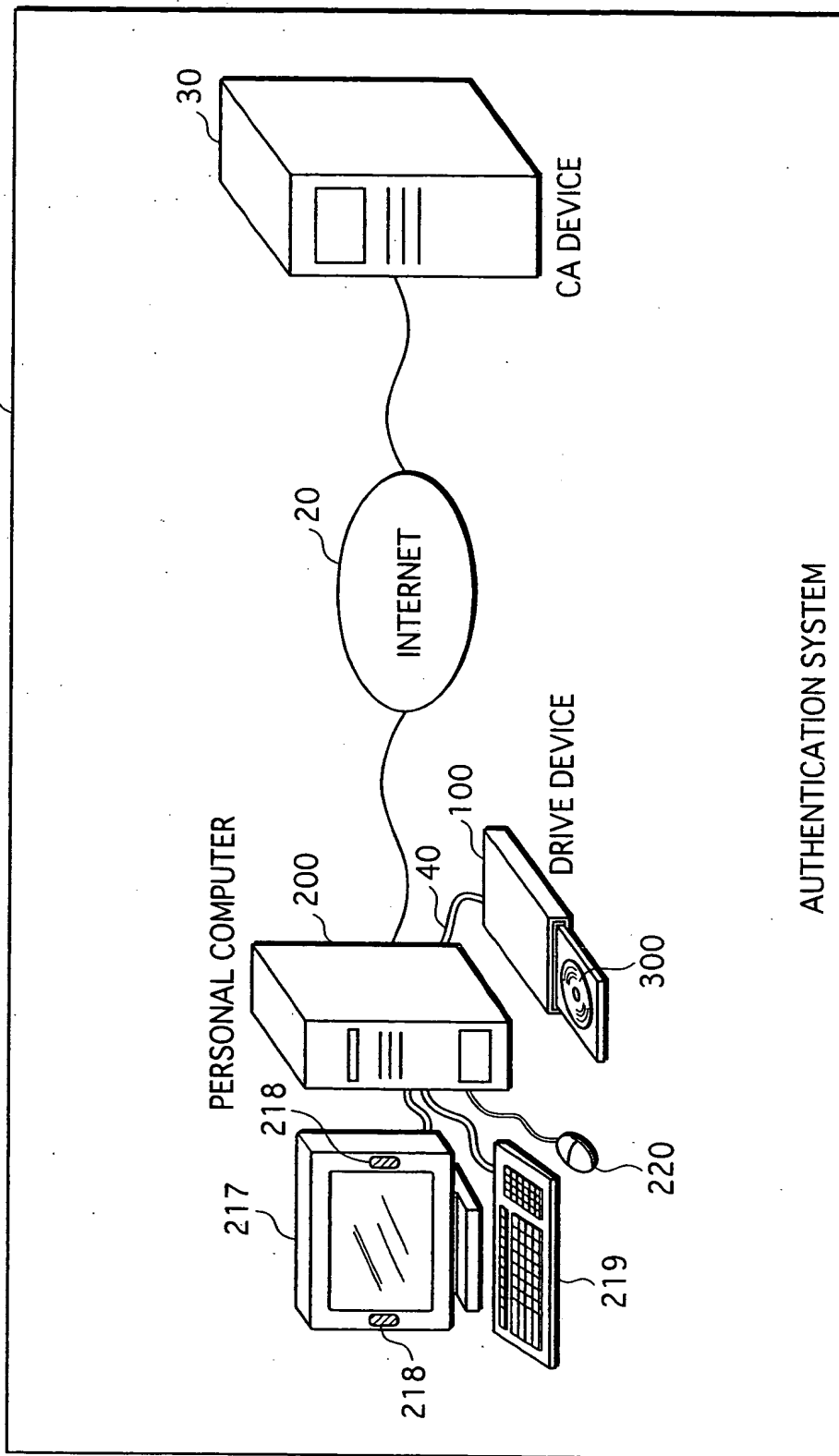


FIG. 1



AUTHENTICATION SYSTEM

FIG.2

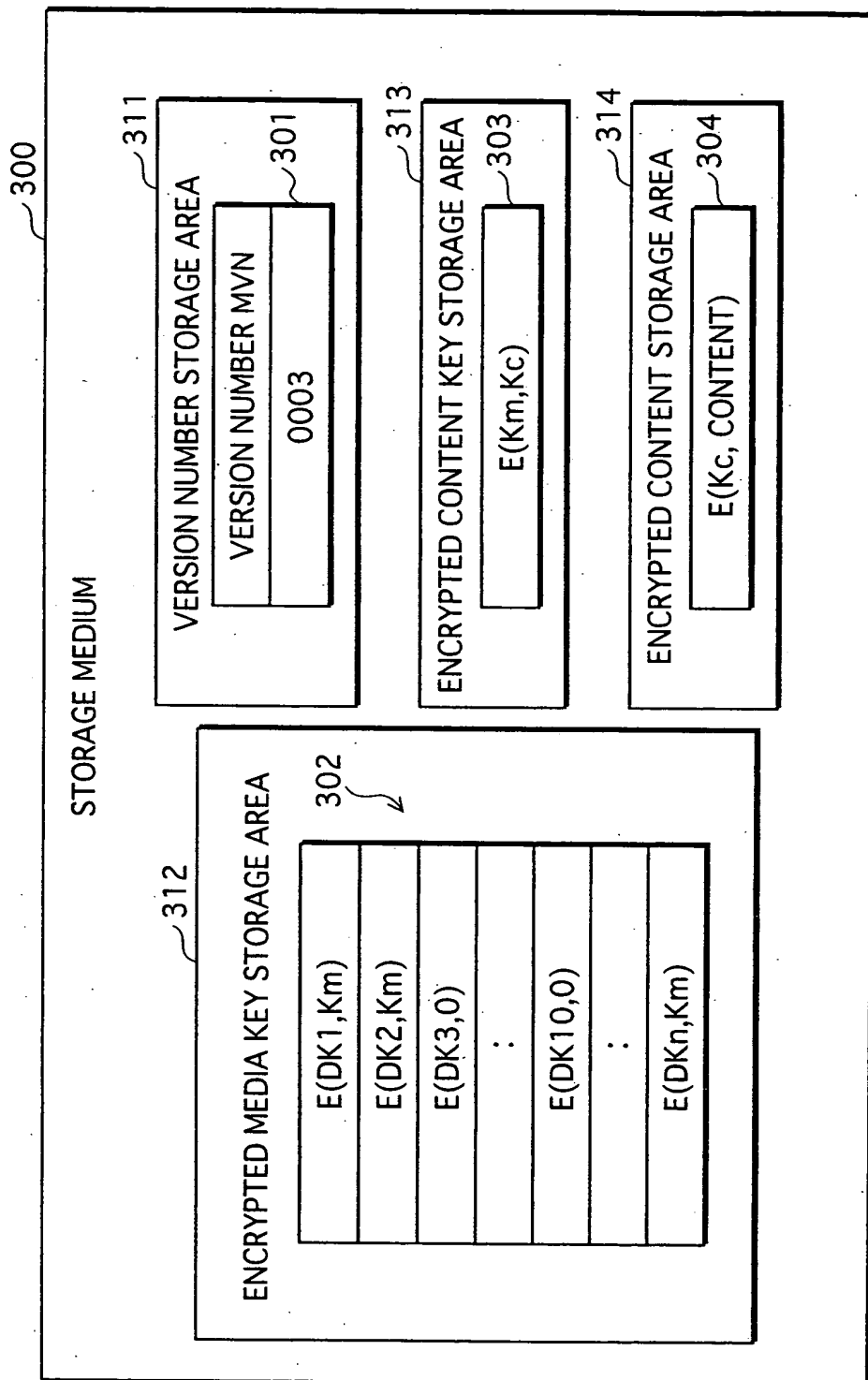


FIG.3

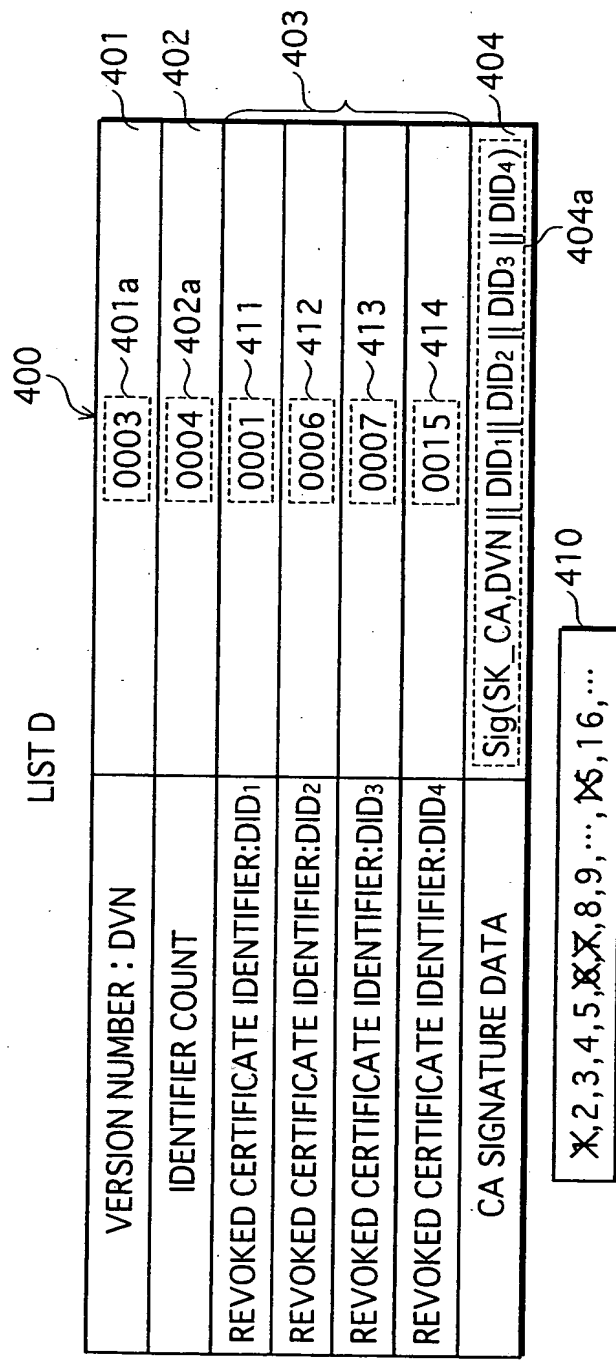


FIG.4

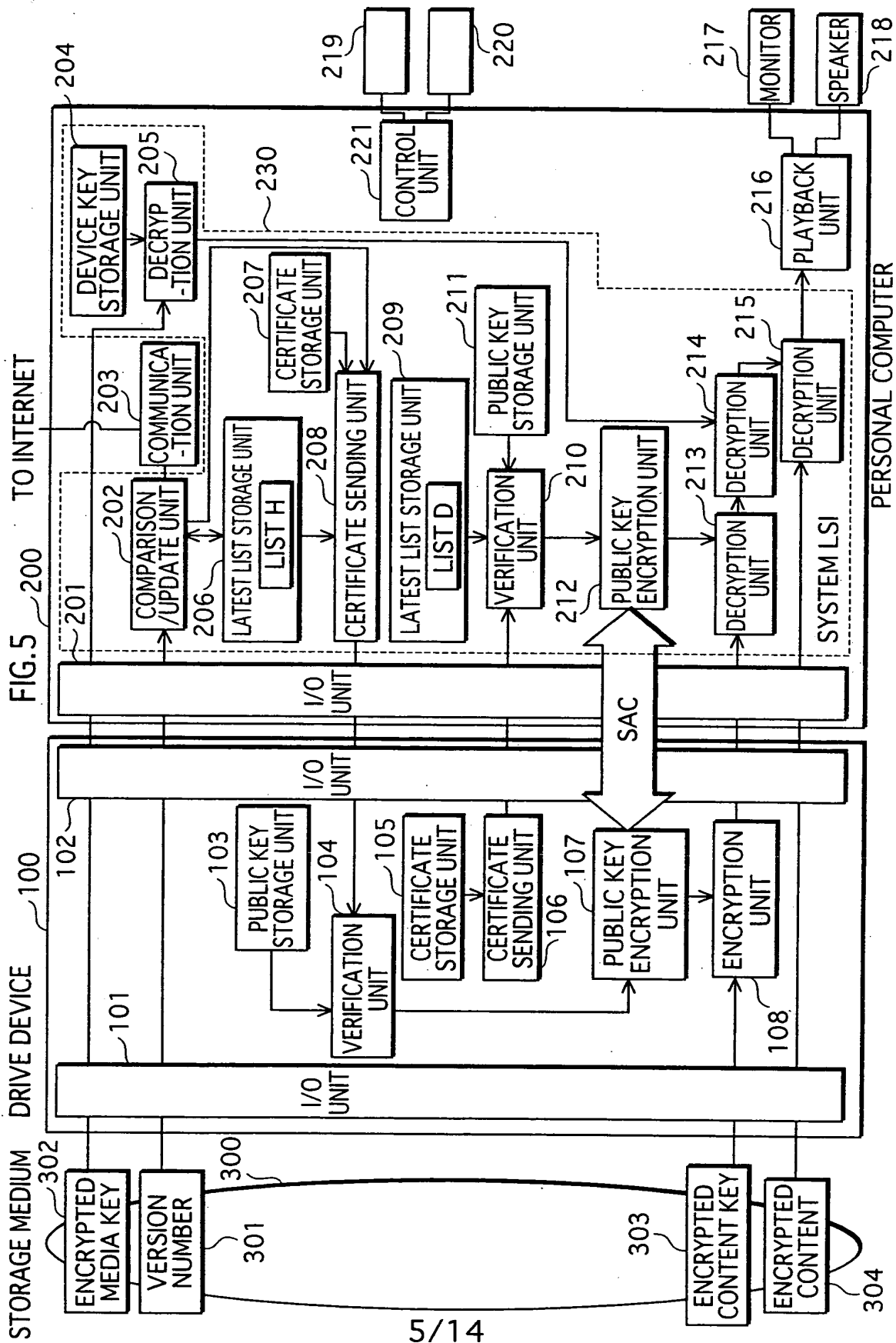
500

LIST H

VERSION NUMBER : HVN	0003	501a	501
PAIR COUNT	0004	502a	502
FIRST UNREVOKED CERTIFICATE IDENTIFIER:HID <sub>1</sub>	0002	503a	503
LAST UNREVOKED CERTIFICATE IDENTIFIER:HID <sub>2</sub>	0004	503b	
FIRST UNREVOKED CERTIFICATE IDENTIFIER:HID <sub>3</sub>	0006	504a	504
LAST UNREVOKED CERTIFICATE IDENTIFIER:HID <sub>4</sub>	0008	504b	
FIRST UNREVOKED CERTIFICATE IDENTIFIER:HID <sub>5</sub>	0010	505a	505
LAST UNREVOKED CERTIFICATE IDENTIFIER:HID <sub>6</sub>	0012	505b	
FIRST UNREVOKED CERTIFICATE IDENTIFIER:HID <sub>7</sub>	0017	506a	506
LAST UNREVOKED CERTIFICATE IDENTIFIER:HID <sub>8</sub>	9999	506b	
CA SIGNATURE DATA	Sig(SK_CA,HVN    HID <sub>1</sub>    HID <sub>2</sub> )		507
CA SIGNATURE DATA	Sig(SK_CA,HVN    HID <sub>3</sub>    HID <sub>4</sub> )		508
CA SIGNATURE DATA	Sig(SK_CA,HVN    HID <sub>5</sub>    HID <sub>6</sub> )		509
CA SIGNATURE DATA	Sig(SK_CA,HVN    HID <sub>7</sub>    HID <sub>8</sub> )		510
X,2,3,4,X,6,7,8,X,10,11,12,X,14,X,16,17,18,...,9999			520
521 522 523 524			

511

512



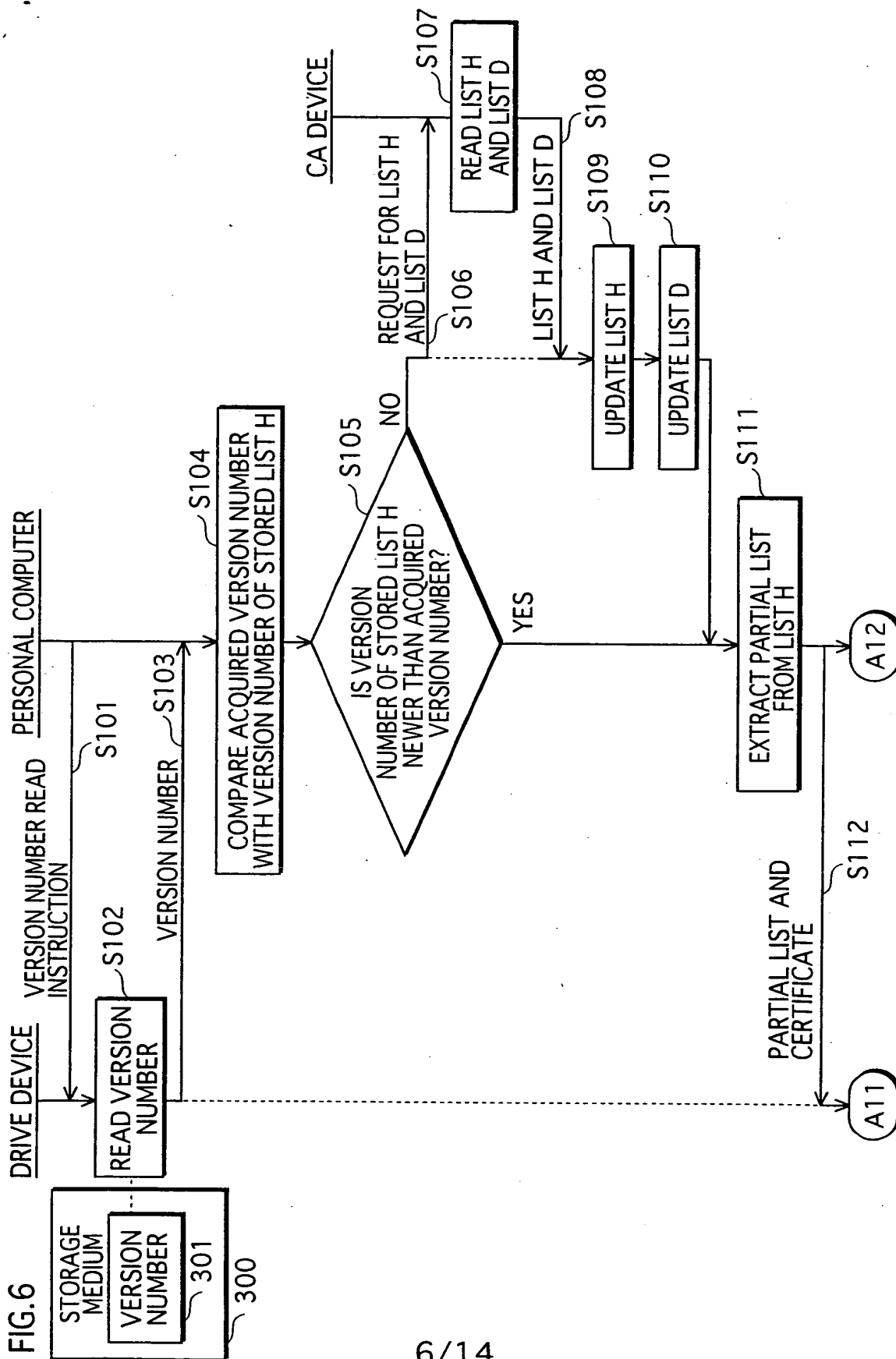


FIG.7

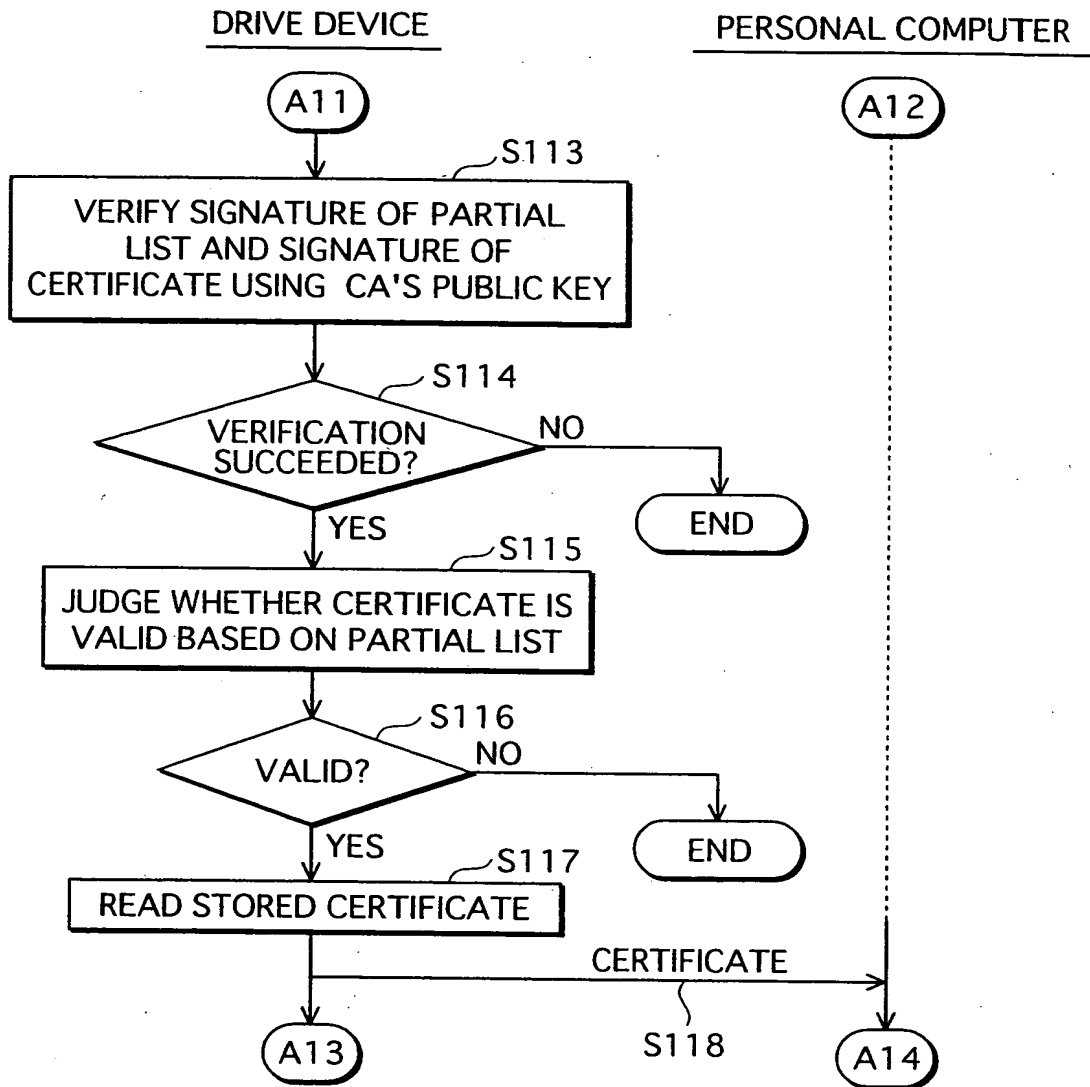


FIG.8

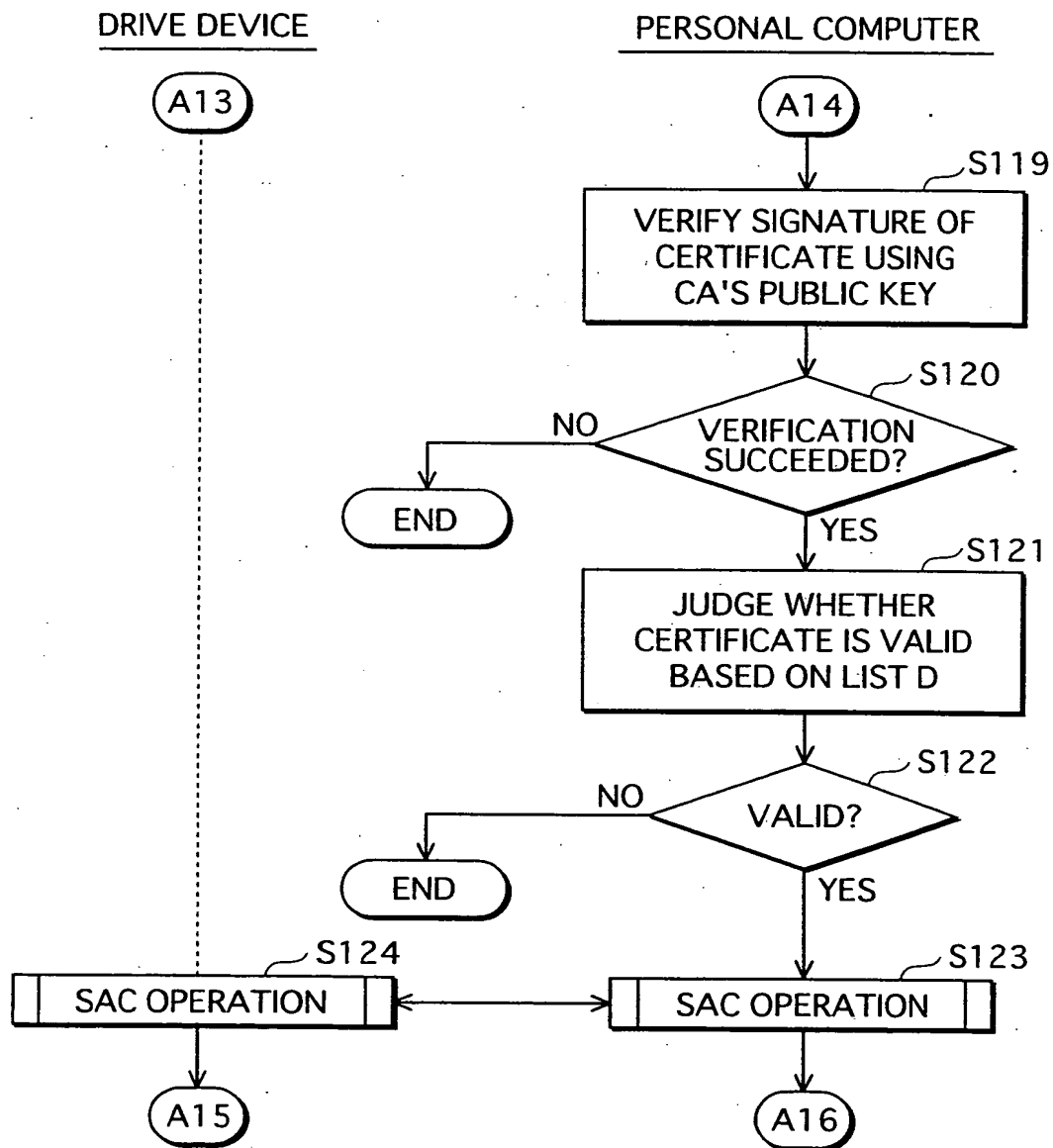




FIG.9

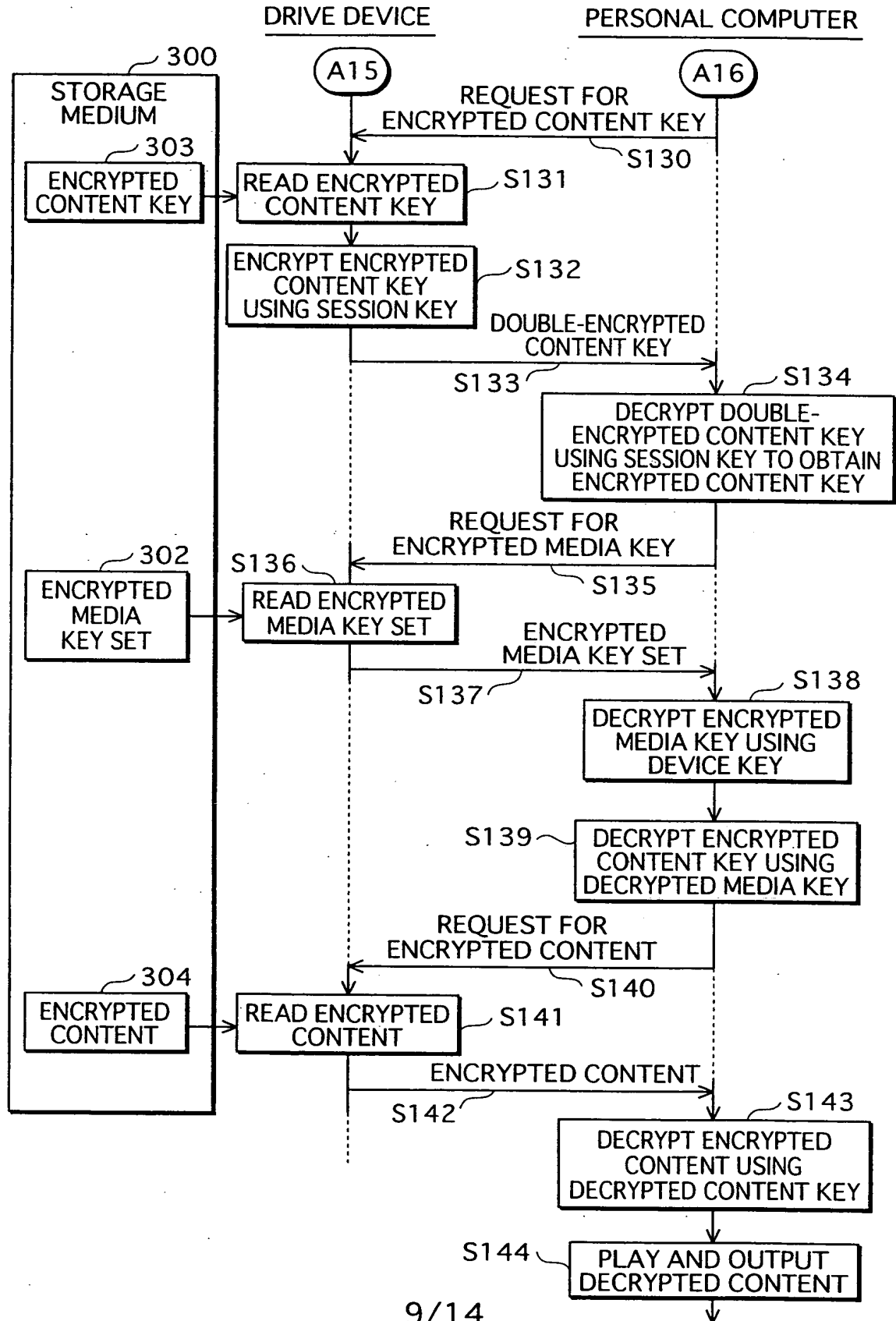
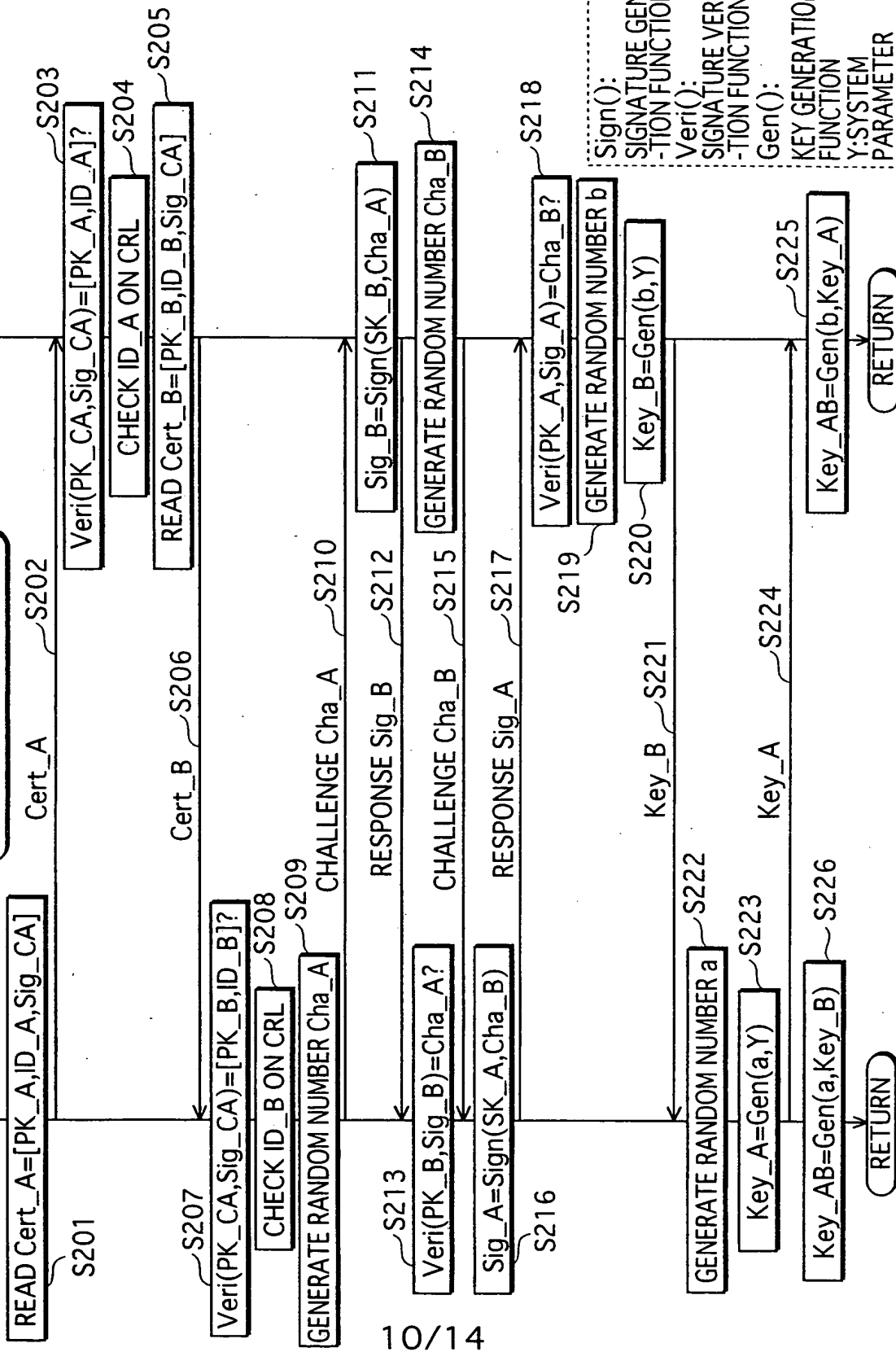


FIG.10 DRIVE DEVICE

PERSONAL COMPUTER

SAC OPERATION



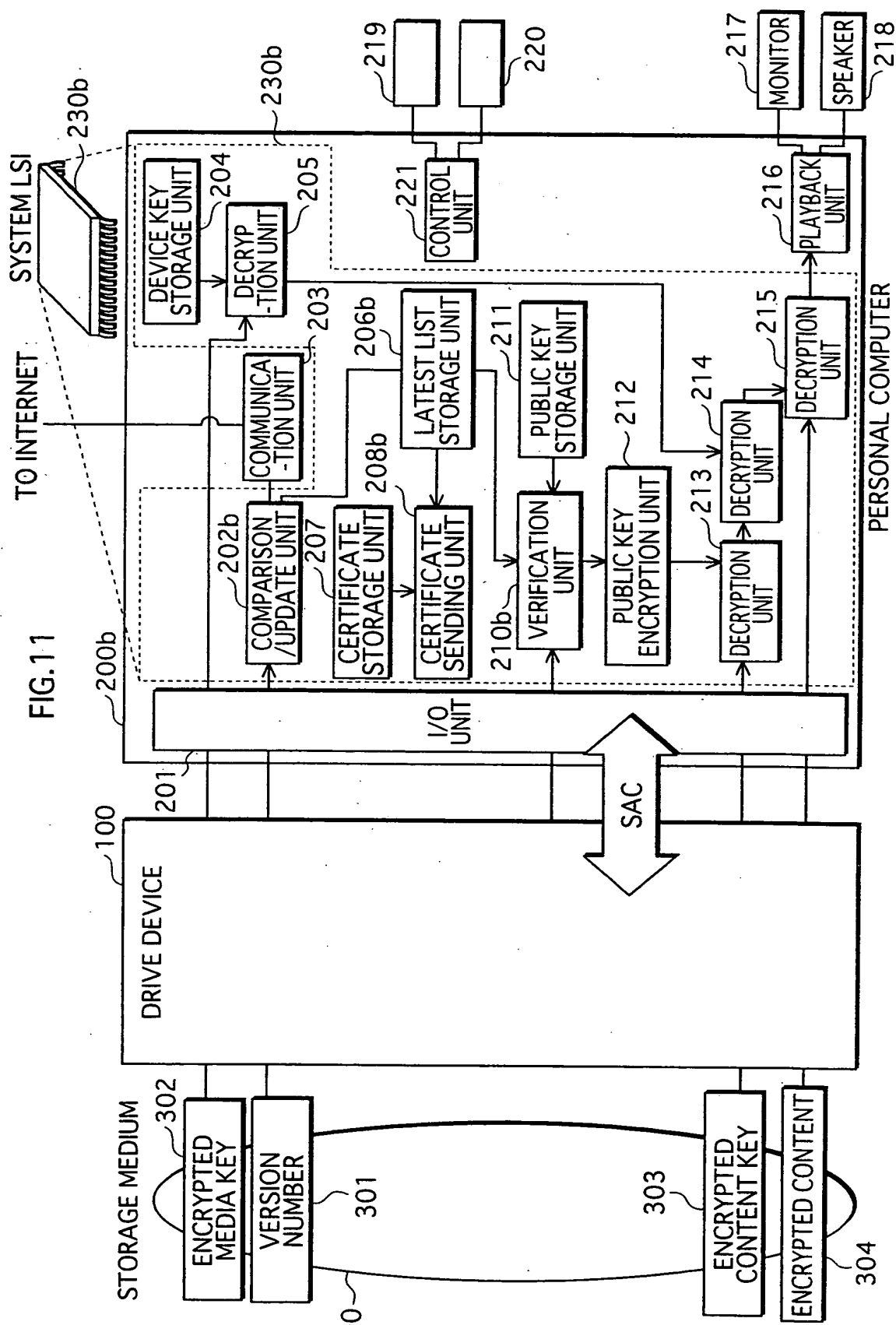


FIG. 11

FIG. 12

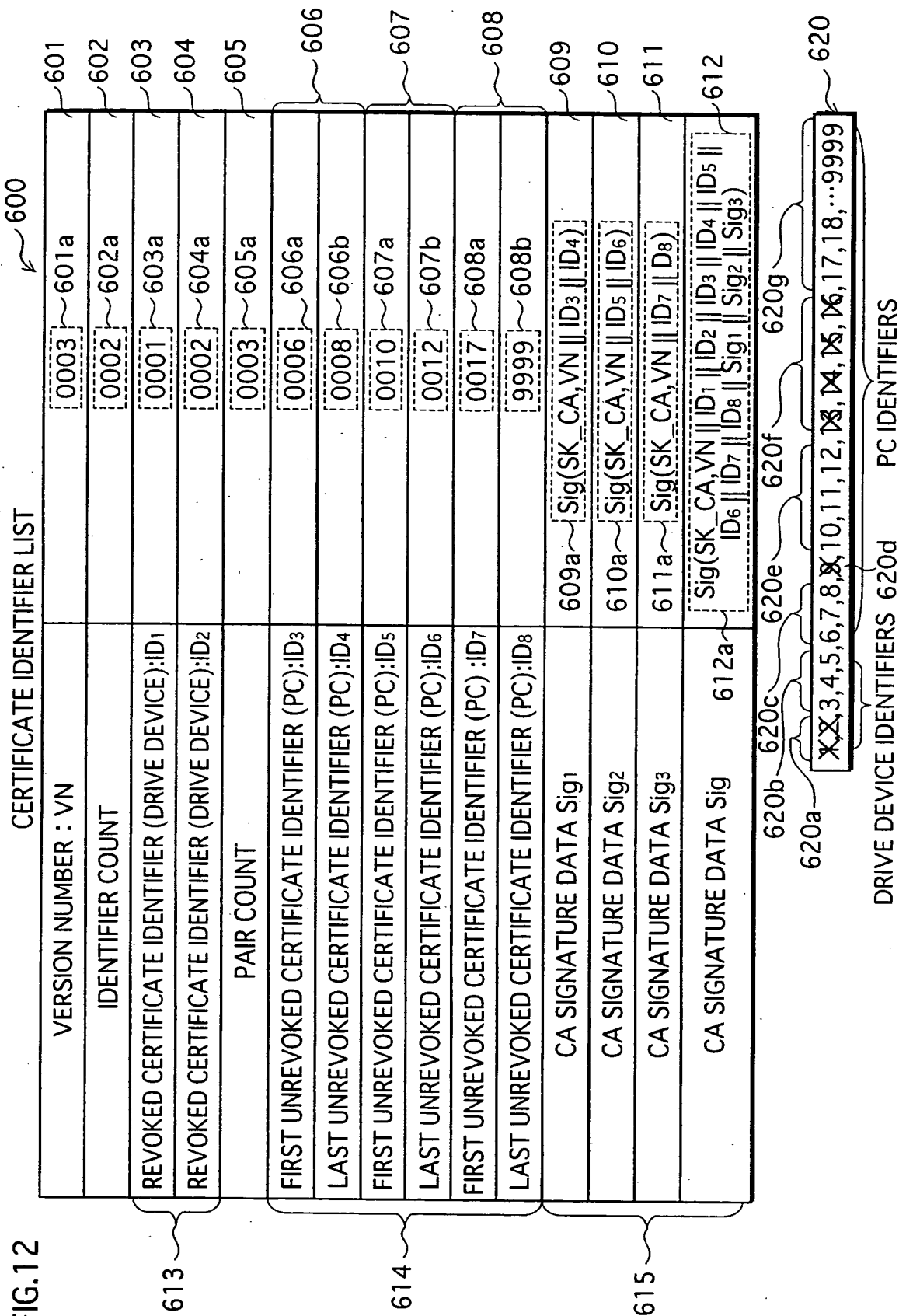


FIG.13

## CERTIFICATE IDENTIFIER LIST

700

730	VERSION NUMBER : VN	[0003]~701	
	TYPE FLAG	[00]~741	
	GROUP INFORMATION	[0001 : 0008]~702	
731	IDENTIFIER COUNT	[0002]~703	
	REVOKED CERTIFICATE IDENTIFIER:ID <sub>1</sub>	[0001]~704	
	REVOKED CERTIFICATE IDENTIFIER:ID <sub>2</sub>	[0004]~705	
	TYPE FLAG	[10]~742	
	GROUP INFORMATION	[0009 : 0016]~706	
732	IDENTIFIER COUNT	[0002]~707	
	UNREVOKED CERTIFICATE IDENTIFIER:ID <sub>3</sub>	[0012]~708	
	UNREVOKED CERTIFICATE IDENTIFIER:ID <sub>4</sub>	[0016]~709	
	TYPE FLAG	[11]~743	
	GROUP INFORMATION	[0017 : 9999]~710	
733	PAIR COUNT	[0001]~711	
	FIRST UNREVOKED CERTIFICATE IDENTIFIER:ID <sub>5</sub>	[0018]~712a	712
	LAST UNREVOKED CERTIFICATE IDENTIFIER:ID <sub>6</sub>	[9999]~712b	
	CA SIGNATURE DATA Sig <sub>1</sub>	Sig(SK_CA,Flag    0001    0008    VN    ID <sub>1</sub>    ID <sub>2</sub> )	713
	CA SIGNATURE DATA Sig <sub>2</sub>	Sig(SK_CA,Flag    0009    0016    VN    ID <sub>3</sub>    ID <sub>4</sub> )	714
734	CA SIGNATURE DATA Sig <sub>3</sub>	Sig(SK_CA,Flag    0017    9999    VN    ID <sub>5</sub>    ID <sub>6</sub> )	715
			729
		[X,2,3,X,5,6,7,8,X,10,X,12,X,14,X,16,X,18,...,9999]	721
			724
			725 726 722 727 723 728

FIG. 14

800

CERTIFICATE IDENTIFIER LIST

VERSION NUMBER : VN		0003	801
IDENTIFIER COUNT		0006	802
TYPE FLAG	REVOKED CERTIFICATE IDENTIFIER:ID <sub>1</sub>	0	803a
TYPE FLAG	REVOKED CERTIFICATE IDENTIFIER:ID <sub>2</sub>	0	804a
TYPE FLAG	REVOKED CERTIFICATE IDENTIFIER:ID <sub>3</sub>	0	805a
TYPE FLAG	REVOKED CERTIFICATE IDENTIFIER:ID <sub>4</sub>	1	806a
TYPE FLAG	REVOKED CERTIFICATE IDENTIFIER:ID <sub>5</sub>	1	807a
TYPE FLAG	REVOKED CERTIFICATE IDENTIFIER:ID <sub>6</sub>	0	808a
CA SIGNATURE DATA		Sig1(SK_CA,Flag    0001    0008    VN    ID <sub>1</sub>    ID <sub>2</sub> )	809
CA SIGNATURE DATA		Sig2(SK_CA,Flag    0009    0016    VN    ID <sub>3</sub>    ID <sub>4</sub> )	810
CA SIGNATURE DATA		Sig3(SK_CA,Flag    0017    9999    VN    ID <sub>5</sub>    ID <sub>6</sub> )	812
<del>X</del> 2,3, <del>X</del> 5,6,7,8, <del>X</del> 10,11,12, <del>X</del> 13, <del>X</del> 14, <del>X</del> 15,16, <del>X</del> 17,18,...			820